

Abstract of the Disclosure

A method and system for transferring data between a phone body and a phone cover having a functionality. The data can be divided into a sequence of bit patterns which can be assigned to different frequency ranges. By arranging the frequencies in a ringing tone according to the sequence of bit patterns, the data is embedded in the ringing tone. The phone cover has a device to receive the ringing tone signal. Based on the sequence of frequencies in the ringing tone signal, the phone cover can retrieve the sequence of bit patterns for effecting the functionality of the phone cover.